

IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) An ambient condition detector comprising:
at least one ambient condition sensor;
control circuitry coupled to the sensor for receiving electrical signals there from indicative of a sensed condition, and for determining the existence of a predetermined alarm condition;
voice output circuitry, coupled to the control circuitry, wherein the control circuitry, in response to a selected signal, couples at least one of sensor related parametric value information, ~~and~~ or detector status information to the voice output circuitry for audible output as human discernable speech; ~~and~~
a radiant energy receiving port, coupled to the control circuitry for receiving radiant energy from a remote source and for generating the selected signal in response thereto; ~~and~~
which includes circuits for specifying a detector installation location in response to received radiant energy signals.
2. (original) A detector as in claim 1 wherein the sensor is one of a gas sensor, a heat sensor, a humidity sensor, and a smoke sensor.
3. (original) A detector as in claim 1 which includes a second, different sensor coupled to the control circuitry.
4. (canceled)
5. (currently amended) A detector as in claim 41 which includes circuitry, coupled to the voice output circuitry for producing an audible, location confirming output as human discernable speech.
6. (currently amended) A detector as in claim 41 wherein detector status information is selected from a class which includes battery status, sensor status, and control circuitry status.
7. (currently amended) A detector as in claim 41 which includes a housing which

Serial No. 10/071,492

defines an internal volume wherein the at least one sensor, the control circuitry and the voice output circuitry are carried.

8. (currently amended) A detector as in claim 41 which includes circuitry, coupled to the voice output circuitry, for emitting an alarm-type audible output as human discernable speech.

9. (currently amended) A detector as in claim 41 which includes circuitry, coupled to the voice output circuitry, for emitting an alarm location audible output as human discernable speech.

10. (currently amended) A speech oriented ambient condition detector comprising:
a housing;
~~at least two different ambient condition sensors~~ a smoke sensor and a gas sensor carried by the housing;

circuitry for identifying housing location;

circuitry for receiving signals from the sensors and for ascertaining the presence of at least one predetermined alarm condition and for storing parametric information pertaining to status of at least one of a sensor, a battery condition, and circuit condition; and

voice circuitry for generating human discernable speech output of at least housing location and numeric ambient condition information associated with one of the sensors.

11. (original) A detector as in claim 10 which includes circuitry wherein the numeric ambient condition information can be verbalized in the absence of any alarm condition and in response to a selected condition.

12. (original) A detector as in claim 11 wherein the selected condition comprises a selected, remotely generated radiant energy signal.

13. (currently amended) An ambient condition detector comprising:
~~control circuitry;~~
at least one ambient condition sensor;
a voice output element, coupled to the control circuitry for providing user induced, non-alarm, verbal, monitoring outputs; and
~~a signal line, coupled to the control circuitry, for conveying a user induced, verbal output initiating signal thereto from a displaced location.~~

Serial No. 10/071,492

14. (original) A detector as in claim 13 wherein the voice output element includes storage of ambient condition, non-alarm, monitoring messages.

Claim 15 (canceled)

16. (currently amended) A detector as in claim ~~15~~13 wherein an electronic switch is coupled to the signal line.

Claims 17-28 (canceled)